

# Notice of Allowability

Application No.

09/751,944

Examiner

Thomas M. Ho

Applicant(s)

LEUNG ET AL.

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/15/06.
2. ☒ The allowed claim(s) is/are 1-9, 11, 12, 14-25 and 34-58.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Joseph H. Lou*  
JOSEPH H. LOU  
PRIMARY EXAMINER

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1. The after final amendment filed on 5/15/06 has been received and entered.

*Reasons for Allowance*

In the originally filed claims, the Examiner rejected claim 1 under Malkin et al.

In reference to claim 1:

Malkin et al. discloses an a Foreign agent supporting Mobile IP, a method of sending a registration request packet on behalf of a node that supports PPP but does not support Mobile IP, comprising:

- Accepting a call from the node, where the node calls the RAS (Column 1, line 64 – Column 2, line 1) (Column 2, lines 25-30)
  - Receiving authentication information associated with a PPP authentication protocol from the node, the authentication information enabling a PPP node to be authenticated. (Figure 2a)
  - Obtaining a PPP node profile associated with the authentication information, the PPP node profile including registration information associated with the node that enables proxy registration to be performed by the Foreign Agent on behalf of the node, the registration information associated with the node identifying a Home Agent associated with the node, where the node profile is garnered from the TMS to determine if the Foreign Node has an account. (Figure 2a, Item 212)
- Registration information is then later associated with the node for proxy

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- registration(Column 5, lines 1-20) , where the proxy acts to negotiation control protocols with the foreign agent. (Column 5, lines 40-45)
- Composing a registration request packet including the registration information associated with the node. (Figure 2c, Item 232)
  - Sending the registration request packet to the Home Agent on behalf of the node. (Figure 2c, Item 232)

In the RCE filed 6/30/05 however, the Applicant amended independent claims 1, 34, 35, 36 to further recite the limitation”

The PPP node profile further identifying a key to be shared between the Home Agent and the Foreign Agent for use in authenticating communications between the Home Agent and the Foreign Agent and indicating a registration lifetime for the node.

Malkin et al. fails to disclose this limitation. A search of the prior art also has not found an reference which discloses this limitation.

Accordingly, claims 1, 34, 35, 36 and their dependent claims were in condition for allowance.

The Applicant has further added new claims 37-58 to depend on the allowable claims. Previously rejected claims 26-33 have been canceled.

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The new claims that depend on the previously allowed claims are substantially similar in content to claims already examined during prosecution and are allowable for that reason.

***Conclusion***

2. Any inquiry concerning this communication from the examiner should be directed to Thomas M Ho whose telephone number is (571)272-3835. The examiner can normally be reached on M-F from 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jacques Louis-Jacques can be reached on (571)272-6962.

The Examiner may also be reached through email through Thomas.Ho6@uspto.gov

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571)272-2100.

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TMH

May 26<sup>th</sup>, 2006

*Jacques Louis-Jacques*  
JACQUES M. LOUIS-JACQUES  
Primary Examiner